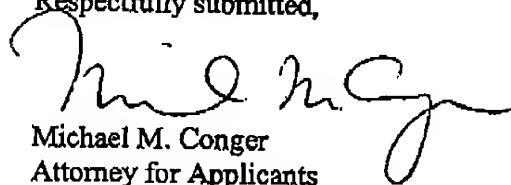


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23. The method of claim 19 wherein said mammal is a rodent.
24. The method of claim 23 wherein said rodent is a mouse or rat.--

Applicants request favorable consideration of the claims. If the Examiner has any questions or concerns the Examiner is invited to contact the undersigned.

Respectfully submitted,



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APPENDIX A

Marked Version Showing Changes

13. (Amended) A method of determining the temperature of an internal [tissues] tissue or [organs] organ of a [mouse] mammal, comprising the steps of surgical removal of a portion of the mammal [mouse] skin sufficient to expose the internal tissue or organ, the temperature of which is to be determined, and replacement thereof with an infrared-invisible polymer of equal size of said removed skin and measuring the temperature of the [region of the] internal tissue or organ using infrared thermography.

14. (Amended) The method of claim 13, wherein the method is used to measure the temperature before and after administration of a test agent to said [mouse] mammal, and wherein a difference in temperature, that is observed following administration of said test agent, indicates that said test agent had a thermodynamic effect on the tissue or organ.